Claims

1. A mobile communications device comprising:

a wireless transceiver comprising means for receiving at least one of timing information and location information from a cellular communications network, and

a second wireless transceiver comprising means for transmitting said at least one of the said timing information and location information to an adjacent GPS device.

2. A GPS device comprising:

a GPS receiver comprising means for receiving a GPS signal;

a wireless transceiver comprising means for receiving from an adjacent device at least one of timing information and location information; and

a GPS positional estimator for providing a positional estimate dependent on said received GPS signal and at least one of the said timing information and location information.

3. A GPS device as claimed in claim 2, in combination with said adjacent device, the adjacent device being a mobile communications device, the mobile communications device comprising a wireless transceiver comprising means for receiving at least one of the said timing information and location information from a cellular communications network.

4. A combination as claimed in claim 3, wherein the mobile communications device further comprises a second wireless communications transceiver comprising means for transmitting said at least one of the said timing information and location information to an adjacent GPS device.

5. A combination of the mobile communications device as claimed in claim 1 and a GPS device, wherein the GPS device

comprises a GPS communications receiver for receiving a GPS signal.

6. A combination as claimed in claim 5, wherein the GPS device further comprises a wireless transceiver for receiving the at least one of the said timing information and location information from the adjacent mobile communications device.

7. A combination as claimed in claim 6, wherein the GPS device further comprises a GPS positional estimator for providing a positional estimate dependent on the received GPS signal and at least one of the said timing information and location information.

8. A combination as claimed in claims 3 to 7 wherein the GPS device wireless transceiver further comprises means for directly transmitting said positional estimate to the mobile communications device.

9. A combination as claimed in claim 8 when appended to claims 1 or 4 to 7wherein the mobile communications device further comprises:

the second wireless transceiver comprising means for receiving the said positional estimate.

10. A combination as claimed in claim 9, wherein the mobile device further comprises a display for displaying said received positional estimate to the user.

11. A combination as claimed in claims 9, wherein said mobile communications device wireless transceiver is arranged to transmit the received positional estimates over said cellular communications network.

12. A combination as claimed in claims 3 to 11, wherein said communications device is arranged to provide a position estimate based on the at least one of the said timing information and said location information.

13. A combination as claimed in claims 3 to 12, further comprising a memory, wherein said positional estimates are stored in said memory.

14. A combination as claimed in claim 13 when appended to claims 3 to 7, wherein said mobile communications device wireless transceiver is arranged to transmit at least one of the positional estimates stored in said memory over said cellular communications network.

15. A combination as claimed in claims 4 or 6, wherein the GPS wireless transceiver and the mobile communications device second wireless transceiver are arranged to communicate between each other over an enhanced synchronised connection orientated (eSCO) communication channel.

16. A combination as claimed in claims 4 and 6, wherein the GPS wireless transceiver and the mobile communications device second wireless transceiver are arranged to communicate between each other over a synchronised short range wireless communication channel.

17. A combination as claimed in claims 4 and 6, wherein the GPS wireless transceiver and the mobile communications device second wireless transceiver are arranged to communicate between each other over a fixed delay short range wireless communication channel.

18. A combination as claimed in claims 16 and 17, wherein the communication channel is a Bluetooth communications channel.

19. A combination as claimed in claims 4 and 6, wherein the mobile communications device second wireless transceiver and the GPS wireless transceiver is at least one of:

a Bluetooth transceiver;

a IrDA transceiver;

a IEE 802.11 transceiver.

20. A combination as claimed in claim 4 and 6, wherein the at least the said timing information and location information comprises at least one of:

a base transceiver station timing signal;

a base transceiver station positional estimate.

21. A combination as claimed in claims 3 to 30, wherein the GPS device further comprises a connector and the mobile communications device further comprises a connector, wherein the GPS device connector is physically connected to the mobile device connector.

22. A mobile communications device of claim 1 or a combination as claimed in claims 3 to 22 wherein the mobile communications device wireless transceiver is at least one of:

a GSM transceiver;

a WCDMA transceiver;

a UMTS transceiver;

a CDMA2000 transceiver.

23. A GPS device as claimed in claim 2 or a combination as claimed in claims 3 to 21 further comprising an indicator, said indicator comprising at least one of:

at least one LED;

a buzzer.

24. A GPS device as claimed in claim 2 or a combination as claimed in claims 3 to 21, further comprising a switch arranged to switch said GPS device on and off.

25. A GPS device as claimed in claim 2 or a combination as claimed claims 3 to 21, further comprising a battery arranged to provide a power source for said GPS device.

26. A method of providing a GPS estimate comprising the steps of:

receiving a GPS signal on a GPS device;

receiving at least one of timing information and location information from a cellular communications network on an mobile communications device, the mobile communications device being located at substantially the same location as the GPS device;

producing a further signal dependent on the said timing information and location information signal;

transmitting the further signal over a wireless communications link to the GPS device;

determining a positional estimate dependent on the received GPS signal and the third signal on the GPS device

27. A method as claimed in claim 24 further comprising the step of transmitting said determined positional estimate over the wireless communications link to the mobile communications device.

28. A method as claimed in claim 27 further comprising the steps of:

receiving the positional estimate on the mobile communications device via said wireless communications link;

displaying the received positional estimate on the mobile communications device.

29. A method as claimed in claim 27 or 28, further comprising the steps of;

storing the received positional estimate in a memory;

transmitting the stored positional estimate over the cellular communications network.